

AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1. (currently amended) A medical device or component thereof formed at least in part of a copolymer, the copolymer comprising:

a) a polyester hard block selected from the group consisting of poly(ethylene terephthalate), poly(ethylene naphthalate), poly(alkylene naphthalates), and poly(cycloalkylene naphthalates); and

b) a polylactone soft block.

2. (cancel)

3. (cancel)

4. (original) The medical device of claim 1 wherein the polylactone block is polycaprolactone.

5. (original) The medical device of claim 1 wherein the copolymer comprises a di-block copolymer of poly(ethylene terephthalate) and polycaprolactone.

6. (original) The medical device of claim 1 wherein the medical device is selected from the group consisting of a stent cover, a vascular graft, and a catheter balloon.

7. (currently amended) A catheter balloon formed at least in part of a copolymer, the copolymer comprising:

a) a polyester hard block selected from the group consisting of poly(ethylene terephthalate), poly(ethylene naphthalate), poly(alkylene naphthalates), and poly(cycloalkylene naphthalates); and

- b) a polylactone soft block.
8. (cancel)
9. (cancel)
10. (original) The catheter balloon of claim 7 wherein the copolymer comprises a copolymer of poly(ethylene terephthalate) and polycaprolactone.
11. (original) The catheter balloon of claim 7 wherein the copolymer comprises a di-block copolymer.
12. (original) The catheter balloon of claim 7 wherein the amount of the polylactone is about 1 wt% to about 99 wt% of the copolymer weight.
13. (original) The catheter balloon of claim 7 wherein the polylactone block is polycaprolactone.
14. (original) The catheter balloon of claim 13 wherein the amount of the polycaprolactone is about 10 wt% to about 20 wt% of the copolymer weight.
15. (original) The catheter balloon of claim 14 wherein the balloon has a low compliance of about 0.012 mm/atm to about 0.02 mm/atm at an inflation pressure of about 8 atm to about 24 atm.
16. (original) The catheter balloon of claim 14 wherein the balloon has a low compliance of about 0.03 mm/atm to about 0.045 mm/atm at an inflation pressure of about 8 atm to about 18 atm.
17. (original) The catheter balloon of claim 7 wherein the balloon is formed from balloon tubing extruded in a reactive extrusion process.

18. (original) A catheter balloon formed at least in part of a copolymer, the copolymer comprising:

- a) a hard block selected from the group consisting of polyester, polyamide, polyimide, and polyolefin; and
- b) a polylactone soft block.

19-29. (cancel)